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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/920,591	07/31/2001	Curtis T. Gross	10007377-1	5998

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

NANO, SARGON N

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 04/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/920,591

Applicant(s)

GROSS, CURTIS T.

Examiner

Sargon N Nano

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 1/20/05.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1- 23 is/are pending in the application.
- 4a) Of the above claim(s) 24 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**Response to amendment**

1. This action is responsive to amendment filed Jan. 20, 2005 . Claim 24 is cancelled , claims 1 – 23 are pending examination.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 5, 10,11 and 13 – 24 are rejected under 35 U.S.C. 102(e) as being DeNicola et al. U.S. Patent No. 6,288,753 (referred to hereafter as DeNicola).

As to claim 1, DeNicola teaches an adapter for providing network access to a shared image projection device, comprising:

a network interface for connecting to a network and receiving network data from a network device over the network (see col.10 line 65 – line col.11 line 4 and fig. 4 DeNicola discloses network website interface);

a client, operatively associated with the network interface, said client receiving data from the network interface and producing a data signal (see col. 11 lines 34 – 41 DeNicola discloses students interaction with the Web site); and

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a video display driver, operatively associated with the client, for providing video data to the shared image projection device, said video display driver receiving the data signal produced by the client and producing said video data (see col.8 lines 30 - 55, and col. 9 lines 3 – 15 DeNicola discloses video data is distributed to remote learning location and video data sent from learning locations back to the classroom via videoconferencing).

As to claim 2, DeNicola teaches The adapter of claim 1, further comprising at least one computer readable storage media storing system configuration data, wherein said system configuration data allows the adapter to be identified on and accessed over the network (see col5 line 62 – col6 line 5, DeNicola discloses the storing of course material in a database where it can be accessed by remotely located end user).

As to claim 3, DeNicola teaches the adapter of claim 2, further comprising display apparatus, said display apparatus displaying at least a portion of said system configuration data (see col. 10 lines 23 – 35 and fig.2, DeNicola discloses the configuring of a data system to receive video /audio signal).

As to claim 4, DeNicola teaches the adapter of claim 2, wherein said at least one computer readable storage media comprises a nonvolatile memory (see col.17 lines 10 – 19 DeNicola discloses actions are recorded on a video file on a PC hard drive).

As to claim 5, DeNicola teaches the adapter of claim 1, further comprising a server, said server allowing said adapter to host a meeting for which the shared image

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projection device is being used (see col.9 lines 3 – 16, DeNicola discloses the viewing of the teacher by students of all learning locations simultaneously).

As to claim 10, DeNicola teaches the adapter of claim 1, wherein the adapter comprises the shared image projection device (see col.9 lines 3 – 16, DeNicola discloses the viewing of the teacher by students of all learning locations simultaneously).

As to claim 11, DeNicola teaches a method for providing network access to a shared image projection device, comprising:

connecting the shared image projection device to a network via a network adapter (see col.10 line 65 – line col.11 line 4 and fig. 4 DeNicola discloses network website interface);

receiving network data at said network adapter, said network data being received from another device which is connected to the network (see col. 11 lines 34 – 41 DeNicola discloses students interaction with the Web site); and

outputting video data from said network adapter to the shared image projection device, in response to the network data, whereby the network data is then displayed via the shared image projection device (see col. 8 lines 30 - 55, and col. 9 lines 3 – 15 DeNicola discloses video data is distributed to remote learning location and video data sent from learning locations back to the classroom via videoconferencing).

As to claim 13, DeNicola teaches the method of claim 11, further comprising setting system configuration data for said network adapter, said system configuration data allowing said network adapter to be identified on and accessed over the network (see col5 line 62 – col6 line 5, DeNicola discloses the storing of course material in a database where it can be accessed by remotely located end user).

As to claim 14, DeNicola teaches the method of claim 13, further comprising displaying at least a portion of said system configuration data (see col. 10 lines 23 – 35 and fig.2, DeNicola discloses the configuring of a data system to receive video /audio signal).

As to claim 15, DeNicola teaches the method of claim 13, further comprising: providing said network adapter with at least one computer readable storage media; and storing said system configuration data within said at least one computer readable storage media (see col.17 lines 10 – 19 DeNicola discloses actions are recorded on a video file on a PC hard drive).

As to claim 16, DeNicola teaches the method of claim 11, further comprising registering said network adapter with a directory server (see col.13 lines 8 – 16, DeNicola teaches the authorized assignee representative creates the examination).

As to claim 17, DeNicola teaches a system, comprising:

a shared image projection device (see col.9 lines 3 – 16, DeNicola discloses the viewing of the teacher by students of all learning locations simultaneously);

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an adapter for providing network access to the shared image projection device, said adapter comprising:

a network interface for connecting to a network and receiving network data from a network device over the network (see col.10 line 65 – line col.11 line 4 and fig. 4 DeNicola discloses network website interface);

a client, operatively associated with the network interface, said client receiving data from the network interface and producing a data signal (see col. 11 lines 34 – 41 DeNicola discloses students interaction with the Web site);

and a video display driver, operatively associated with the client, for outputting video data to the shared image projection device, said video display driver receiving the data signal produced by the client and producing said video data (see col. 8 lines 30 - 55, and col. 9 lines 3 – 15 DeNicola discloses video data is distributed to remote learning location and video data sent from learning locations back to the classroom via videoconferencing).

As to claim 18, DeNicola teaches the system of claim 17, further comprising:

a host computer for hosting a meeting for which the shared image projection device is being used (see fig. 2 DeNicola discloses a host server that store shared images); and

a configuration program operatively associated with said host computer and said adapter, said configuration program accessing said adapter to set system configuration

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data, said system configuration data allowing said adapter to be identified on and accessed over the network (see col5 line 62 – col6 line 5, DeNicola discloses the storing of course material in a database where it can be accessed by remotely located end user).

As to claim 19, DeNicola teaches the system of claim 18, wherein said host computer comprises at least one computer readable storage media; and wherein said configuration program comprises computer readable program code stored within the at least one computer readable storage media of said host computer (see col.17 lines 10 – 19 DeNicola discloses actions are recorded on a video file on a PC hard drive).

As to claim 20, DeNicola teaches the system of claim 18, wherein said adapter further comprises at least one computer readable storage media; and wherein said system configuration data is stored within the at least one computer readable storage media of said adapter (see col.17 lines 10 – 19 DeNicola discloses actions are recorded on a video file on a PC hard drive).

As to claim 21, DeNicola teaches the system of claim 18, wherein said adapter further comprises a nonvolatile memory; and wherein said system configuration data is stored within the nonvolatile memory of said adapter (see col.17 lines 10 – 19 DeNicola discloses actions are recorded on a video file on a hard drive).

As to claim 22, DeNicola teaches the system of claim 17, wherein said shared image projection device is a data projector (see col.9 lines 3 – 9 DeNicola discloses an output is a display screen).



As to claim 23, DeNicola teaches the system of claim 17, wherein said adapter is housed within said shared image projection device (see col.9 lines 3 – 9 DeNicola discloses an output is a display screen).

As to claim 24, DeNicola teaches a method for viewing information during a meeting, comprising: coupling a data projector to a network of meeting participant computers via a network adapter; and configuring the network adapter and meeting participant computers as peers in a virtual meeting (see col. 9 lines 9 - 16 DeNicola discloses the interactive video/audio communication which allows student to interact with the teacher).

As to claims 6, 7 and 12 DeNicola teaches an adapter and a method for providing network access to a shared image projection device, comprising:

a network interface for connecting to a network and receiving network data from a network device over the network (see col.10 line 65 – line col.11 line 4 and fig. 4 DeNicola discloses network website interface);

a client, operatively associated with the network interface, said client receiving data from the network interface and producing a data signal (see col. 11 lines 34 – 41 DeNicola discloses students interaction with the Web site); and

a video display driver, operatively associated with the client, for providing video data to the shared image projection device, said video display driver receiving the data signal produced by the client and producing said video data (see col. 8 lines 30 - 55, and col. 9 lines 3 – 15 DeNicola discloses video data is distributed to remote learning

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location and video data sent from learning locations back to the classroom via videoconferencing).

DeNicola does not explicitly teach the adapter and method wherein the client comprises a T.120 client and the network data comprises a T.120 data packet within an 802.3 wrapper, wherein said network interface removes the 802.3 wrapper from the T.120 data packet, and wherein said client receives the T.120 data packet without the 802.3 wrapper.

However, "Official Notice " is taken that the concept and the advantages of using T.120 client and T.120 data packet within an 802.3 wrapper is old and well known in the art. It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify DeNicola by specifying T.120 data packet within an 802.3. One would be motivated to do so to comply with the International Telecommunications Union (ITU) specifications for multipoint data communications services and the to follow the standards set by IEEE working groups for fixed and wireless LAN and Man Protocol.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 8, and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over, DeNicola further in view of Ludwig et al U.S. Patent No. 6,237,025 (referred to hereafter as Ludwig).

As per claim 8, DeNicola does not explicitly teach the limitation of hang-up switch, said hang-up switch terminating a connection between a network device and said adapter when said hang-up switch is activated. However Ludwig teaches the hang up switch (see Ludwig fig.8B)

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify DeNicola with hang up switch because doing so would send a hang up notification which prompts all other participants that the participant has exited.

As per claim 9, DeNicola does not explicitly teach the limitation of status indicator, said status indicator indicating the status of said adapter. However Ludwig teaches the status of the adapter, (see Ludwig, col.36 lines 9 – 35,).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify DeNicola with status indicator because doing so would allow to initiate and control various collaborative sessions.

#### **Response to Argument**

4. Applicant argument filed on Jan. 20, 2005 have been fully considered but they are not persuasive. In the remarks , the applicant argues in substance that; A) DeNicola does not disclose a network interface for receiving network data B) DeNicola does not

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disclose a video display driver element C) and supporting reference is required to support the official notice taken with regards to "T .120" client

In response to A) DeNicola discloses a network browser which sends and receives a data images and therefore it meets the scope of the claimed limitation "network interface for receiving network data".

In response to B) the camera is connected to a user interface to generate video signal and therefore inherently has video driver and receive video signal and therefore meets the scope of the claimed limitation "disclose video display driver element".

In response to C) examiner provides the following prior art in support of the official notice.

- Barker et al. U.S. Patent No. 6,470,020
- Giloi et al. U.S. Patent No.6,850,985
- Fitzgerald et al. U.S. Patent 6,611,503

Note: the response argued that "Becker" did not disclose the elements of claim 1. Examiner assumes that applicant intended to argue that DeNicola did not disclose the elements of claim 1 and responded accordingly.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

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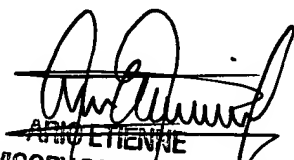
TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sargon N Nano whose telephone number is (571) 272-4007. The examiner can normally be reached on Monday – Friday 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sargon Nano  
March 12, 2005

  
ARIO ETIENNE  
SUPERVISORY PATENT EXAMINER  
27/05/2005